

DEVICE FOR CONTROLLING HYDROGEN FLOW OF HYDROGEN STORAGE CANISTER

ABSTRACT OF THE DISCLOSURE

A control device for controlling hydrogen flow of a hydrogen storage canister accommodated in a canister containing chamber includes a heating device which is connected to a heating fuel storage tank via a heating fuel supplying pipeline for conveying a heating fuel to a catalyst bed in the canister containing chamber and generating heat by combustion of the heating fuel at the catalyst bed. A blowing device provides an air flow to the canister containing chamber. A controller controls the operation of the heating device and the blowing device in correspondence to a temperature signal detected from an internal space of the canister containing chamber. The controller is coupled with a setting unit for setting various parameters which are stored in a parameter storage unit for controlling the controller.